

# Monitoring Lake Tahoe's Nearshore

October 26, 2017

# Lake Tahoe: Clarity vs. Nearshore

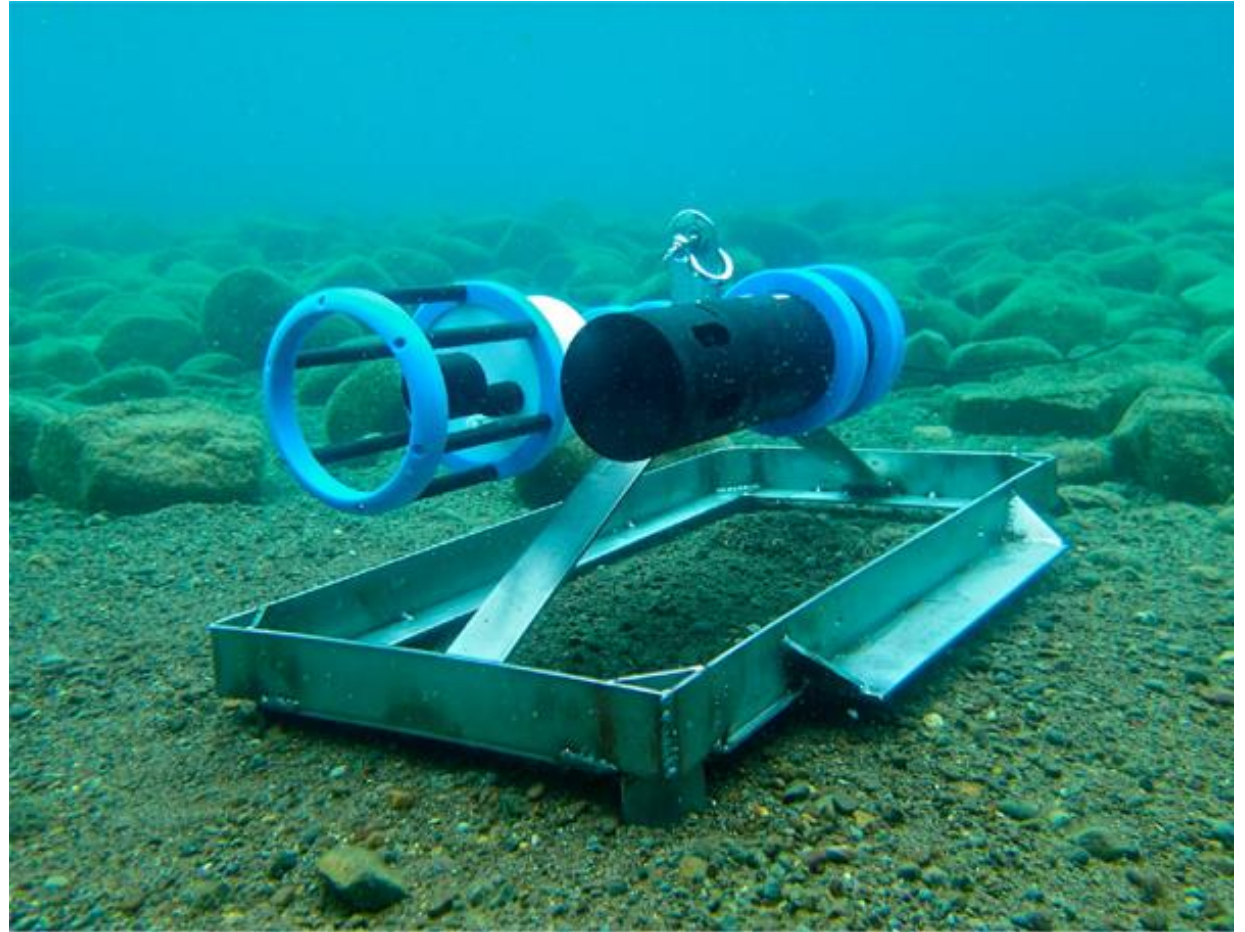
Clarity		Nearshore
Relatively homogenous	Environment	Heterogeneous
Focus on clarity	Values/ Concern	Multiple concerns
Long term monitoring	Data record	Variable/Sparse
Well documented decline	Trend	No single signal

# Nearshore Monitoring Network

**Continuous water quality  
monitoring at 13 stations**

**Complete network will include  
more than 20 stations**

**Continuous monitoring helps  
evaluate variable conditions**



# Nearshore Monitoring Network Parameters

## Fluorometer

- Turbidity
- Dissolved Organic Material
- Algal Concentrations

## CTD Logger

- Conductivity
- Water Temperature
- Lake Level
- Wave Height

# Nearshore Monitoring Network

Managed by UC  
Davis

Supported by  
private property  
owners

Expanded with  
Water Board  
funding



# Continuous Monitoring Informs Management



Establish  
“normal”  
variation

Assess  
links  
between  
measured  
parameters

Evaluate  
climate  
change  
impacts



# Thank You

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